



PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/519,890

DATE: 01/19/2005
TIME: 17:24:39

Input Set : A:\PTO.AMC.TXT
Output Set: N:\CRF4\01192005\J519890.raw

3 <110> APPLICANT: The University of Adelaide
5 <120> TITLE OF INVENTION: ALTERED INSULIN-LIKE GROWTH FACTOR BINDING PROTEINS
7 <130> FILE REFERENCE: A20-073
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/519,890
C--> 9 <141> CURRENT FILING DATE: 2004-12-29
9 <150> PRIOR APPLICATION NUMBER: PCT/AU2003/000898
10 <151> PRIOR FILING DATE: 2003-07-11
12 <160> NUMBER OF SEQ ID NOS: 30
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 6
16 <212> TYPE: PRT
17 <213> ORGANISM: Homo sapien
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
22 <400> SEQUENCE: 1
23 Pro Lys Lys Leu Arg Pro
24 1 5
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 18
28 <212> TYPE: PRT
29 <213> ORGANISM: Homo sapien
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
34 <400> SEQUENCE: 2
35 Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Lys Met Ser Leu Asn
36 1 5 10 15
37 Gly Gln Arg
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 23
41 <212> TYPE: PRT
42 <213> ORGANISM: Homo sapien
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 3
47 <400> SEQUENCE: 3
48 Cys Asp Lys Lys Gly Phe Tyr Lys Lys Gln Cys Arg Pro Ser
49 1 5 10 15
50 Lys Gly Arg Lys Arg Gly Phe Cys
51 20
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 23
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapien
57 <220> FEATURE:

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58 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 5
60 <400> SEQUENCE: 4
61 Cys Asp Arg Lys Gly Phe Tyr Lys Arg Lys Gln Cys Lys Pro Ser
62 1 5 10 15
64 Arg Gly Arg Lys Arg Gly Ile Cys
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66 <210> SEQ ID NO: 5
67 <211> LENGTH: 23
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapien
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
74 <400> SEQUENCE: 5
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76 1 5 10 15
77 Leu Asn Gly Gln Arg Gly Glu Cys
78 20
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 23
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapien
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 1
87 <400> SEQUENCE: 6
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89 1 5 10 15
90 Met Asp Gly Glu Ala Gly Leu Cys
91 20
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 23
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapien
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 4
100 <400> SEQUENCE: 7
101 Cys Asp Arg Asn Gly Asn Phe His Pro Lys Gln Cys His Pro Ala
102 1 5 10 15
103 Leu Asp Gly Gln Arg Gly Lys Cys
104 20
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106 <211> LENGTH: 23
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapien
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 6
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114 Cys Asp His Arg Gly Phe Tyr Arg Lys Arg Gln Cys Arg Ser Ser
115 1 5 10 15
116 Gln Gly Gln Arg Arg Gly Pro Cys

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117 20
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 6
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123 <220> FEATURE:
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127 Pro Lys Lys Leu Arg Pro
128 1 5
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 6
132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapien
135 <220> FEATURE:
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138 <400> SEQUENCE: 10
139 Pro Ala Lys Leu Arg Pro
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142 <210> SEQ ID NO: 11
143 <211> LENGTH: 6
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapien
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154 <210> SEQ ID NO: 12
155 <211> LENGTH: 6
156 <212> TYPE: PRT
157 <213> ORGANISM: Homo sapien
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
162 <400> SEQUENCE: 12
163 Pro Lys Lys Leu Ala Pro
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166 <210> SEQ ID NO: 13
167 <211> LENGTH: 6
168 <212> TYPE: PRT
169 <213> ORGANISM: Homo sapien
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172 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
174 <400> SEQUENCE: 13
175 Pro Ala Ala Leu Ala Pro
176 1 5
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 18
180 <212> TYPE: PRT

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181 <213> ORGANISM: Homo sapien
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
186 <400> SEQUENCE: 14
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188 1 5 10 15
189 Gly Gln Arg
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 18
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapien
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
199 <400> SEQUENCE: 15
200 Ala His Gly Leu Tyr Asn Leu Lys Gln Cys Lys Met Ser Leu Asn
201 1 5 10 15
202 Gly Gln Arg
204 <210> SEQ ID NO: 16
205 <211> LENGTH: 18
206 <212> TYPE: PRT
207 <213> ORGANISM: Homo sapien
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
212 <400> SEQUENCE: 16
213 Lys His Gly Leu Tyr Asn Leu Ala Gln Cys Lys Met Ser Leu Asn
214 1 5 10 15
215 Gly Gln Arg
217 <210> SEQ ID NO: 17
218 <211> LENGTH: 18
219 <212> TYPE: PRT
220 <213> ORGANISM: Homo sapien
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
225 <400> SEQUENCE: 17
226 Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Ala Met Ser Leu Asn
227 1 5 10 15
228 Gly Gln Arg
230 <210> SEQ ID NO: 18
231 <211> LENGTH: 18
232 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapien
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2
238 <400> SEQUENCE: 18
239 Ala His Gly Leu Tyr Asn Leu Ala Gln Cys Ala Met Ser Leu Asn
240 1 5 10 15
241 Gly Gln Arg
243 <210> SEQ ID NO: 19
244 <211> LENGTH: 39

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Input Set : A:\PTO.AMC.TXT
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245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: PCR Primer for K180A K181AHis (forward)
251 <400> SEQUENCE: 19
252 cttggcctgg aggaggcctgc cgccctgcga ccacccct 39
254 <210> SEQ ID NO: 20
255 <211> LENGTH: 39
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: PCR Primer for K180A K181AHis (reverse)
262 <400> SEQUENCE: 20
263 aggggggtggt cgccaggcggt caggcttc cagggcaag 39
265 <210> SEQ ID NO: 21
266 <211> LENGTH: 33
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: PCR Primer for K227AHis (forward)
273 <400> SEQUENCE: 21
274 atccccaaact gtgacgccc tggcctgtac acc 33
276 <210> SEQ ID NO: 22
277 <211> LENGTH: 33
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: PCR Primer for K227AHis (reverse)
284 <400> SEQUENCE: 22
285 ggtgtacagg ccatgggcgt cacagttggg gat 33
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 33
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: PCR Primer for K234AHis (forward)
295 <400> SEQUENCE: 23
296 ggcctgtaca acctcgccc gtgcaagatg tct 33
298 <210> SEQ ID NO: 24
299 <211> LENGTH: 33
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: PCR Primer for K234AHis (reverse)
306 <400> SEQUENCE: 24
307 agacatcttg cactggcgaa ggttgtacag gcc 33
309 <210> SEQ ID NO: 25
310 <211> LENGTH: 30
311 <212> TYPE: DNA

VERIFICATION SUMMARY
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date